



Impact Foods
Heal Yourself, Heal the World!

PRODUCT SPECIFICATION

PRODUCT NAME: **Hydrolysed Bovine Collagen**

COUNTRY OF ORIGIN FOR RM: **Austria, India, Italy, Germany, Poland, Spain, Turkey**

COUNTRY OF MANUFACTURE FOR RM: **India, Italy, Turkey**

FINISHED PRODUCT COM: **United Kingdom**

GENERAL PRODUCT INFORMATION	
PARAMETER	DETAIL/ DESCRIPTION
Shelf Life	3 Years from production
Storage Requirement	Store in cool, dry conditions out of direct sunlight in original unopened packaging.
Type/Grade	Type I and III
Product Description	Naturally derived food grade collagen peptides made from bovine skins. Applied as bio-active components in versatile nutraceutical and OTC products but also highly nutritional food products. Agglomerated collagen peptides avail of excellent dispersibility and solubility characteristics in combination with most neutral organoleptic properties. The perfect choice for multiple added-value nutraceuticals, dietary, beverages and functional supplements.

PHYSICAL CHEMICAL PARAMETER	
PARAMETER	SPECIFICATION
Colour	Off-white/Pale yellow
Clarity	Clear
Odour	Characteristic for species
Molecular weight	2,000 -5,000 Da
Bulk Density	0.2 – 0.6 g/cm ³
Particle Size	17-70 mesh
pH	5.0 – 8.0
Ash	<2 g
Moisture	≤10 g



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PROCESSING PARAMETER	
PARAMETER	DESCRIPTION
Composition	100 % Bovine Collagen
Part Used	Bovine skin
Method of Process	Alkaline treatment of bovine skin. Enzymatic Hydrolysis of Gelatin. Thermal Sterilization at 138,0°C minimum, for 4 seconds. Spray Drying

HEAVY METALS PARAMETER	
PARAMETER	SPECIFICATION
Arsenic	≤ 1.0 ppm
Lead	≤ 5.0 ppm
Cadmium	≤ 0.5 ppm
Mercury	≤ 0.15 ppm
Chromium	≤ 10 ppm
Copper	≤ 30 ppm
Zinc	≤ 50 ppm

MICROBIOLOGICAL PARAMETER	
PARAMETER	SPECIFICATION
Total Plate Count	<1,000 cfu/g
Yeasts & Moulds	<50 cfu/g
Enterobacteriaceae	<10 cfu/g
Coliforms	Not detected in 1g
Salmonella	Not detected in 25g

NUTRITIONAL DATA (PER 100G)	
PARAMETER	VALUES
Energy	1,516 kJ/ 374.8 kcal
Fat	<0.1 g
Carbohydrate	<1.0 g
Fiber	<0.5 g



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Protein	>90 g
Sodium	<1,000 mg
Ash	<2 g
Moisture	≤10 g
AMINO ACID PROFILE	VALUES (100g)
Alanine	8.33g
Arginine	6.29 g
Aspartic Acid	5.27 g
Cysteine	trace
Glutamic Acid	9.98 g
Glycine	26.27 g
Histidine	0.89 g
Hydroxyproline	11.57 g
Isoleucine	1.41 g
Leucine	2.63 g
Lysine	3.23 g
Methionine	3.43 g
Phenylalanine	1.76 g
Proline	13.27 g
Serine	3.14 g
Threonine	2.49 g
Tryptophane	0
Tyrosine	0.53 g
Valine	2.09 g

DECLARATIONS:

On Genetically Modified Organisms [GMO]

All products supplied by Impact Foods International are GMO FREE [does not contain any Genetically Modified Organisms GMO] and conforms with EU Regulation EC No. 1829/2003 and EC No.1830/2003.

On Allergens

We hereby certify that this product does not contain any substances causing allergies or intolerances as ingredients or possibility of cross contamination. The list of allergens which are likely to cause adverse reactions in susceptible individuals is provided in Regulation (EU) No 1169/2011.



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Please note that this statement is based on the information provided by the manufacturer of the product.

Other Details

The specification is based on the information of our suppliers. We recommend to proof the suitability of our product by own tests.